

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	SHERWOOD (PWD)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	PLENTYWOOD	APPROACH TYPE:	VISUAL
CONTACT:	HAROLD DESILVA	DATE INVENTORIED:	1-17-96
PHONE #:	765-1400	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 12/30 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	130' & NONE		NO
PARALLEL TAXIWAY FROM CENTERLINE:	150'	344' & 350'		✓
AIRCRAFT PARKING FROM CENTERLINE:	125'	197'		✓
RUNWAY WIDTH:	60'	72'		✓
RUNWAY LENGTH:	4,440 (1)		3,900'	95%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	(2)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2) - (4)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			(2)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH - 1"		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>RUNWAY 12 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	(5)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,245.3	N/A
<b>RUNWAY 30 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	(6)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,227.6	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL- STAKE MOUNTED - ALNACO			N/A
CONDITION:		GOOD (7)		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 12</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	12'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 30</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS: (1) RW LENGTH OF 3,200' FOR 75%, 3,890 FOR 95% AND 4,440 FOR 100% COVERAGE; ALP ULTIMATE 4,500'  
(2) WIND TEE 100', 2' WOOD POLE W/ELECTRICAL 95', AND ELEC. ENCLOSURE 117' FROM RW CL IN OFA & PRIMARY SURF.  
(3) TERRAIN ALONG RW ON BOTH SIDES (~600') PENETRATES PRIMARY SURFACE; WORST CASE ~4'  
(4) WINDCONE PENETRATES TRANSITIONAL SURFACE AT 19.5%  
(5) FAIRLY SMOOTH TILLING 135' FROM RUNWAY END  
(6) SLIGHTLY RISING TERRAIN IN RSA; DITCHLINES PINCHING INTO RSA AT THE ENDS BUT GRADES PROBABLY WITHIN 5%  
(7) A FEW MISSING / KNOCKED DOWN LIGHTS

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	25'	20', 20', 28'		NO
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW (1)		(1)
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	(2) NONE		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

**MISCELLANEOUS**

TYPE OF BEACON: NW OF APRON, MOUNTED ON 80' METAL TOWER; ANTENNA 95'

SIZE OF BEACON: 36" (BULB SHAPED)

OTHER LIGHTING AIDS (VASI,PAPI,REIL): NONE

WINDCONE (CONDITION & COMPLIANCE): 300' N OF RW CL, LIGHTED, 25', GOOD COND

SEGMENTED CIRCLE (CONDITION & COMPLIANCE): METAL PANEL IN GOOD COND

WINDCONE (CONDITION & COMPLIANCE):

SEGMENTED CIRCLE (CONDITION & COMPLIANCE):

FENCING: NONE IN SIGHT

SIGNS: (TYPE, CONDITION, PLACEMENT) THREE LUMACURE IN GOOD COND, ALL 15' FROM PVMT EDGE AND 130' FROM RW CL

**COMMENTS:**

(1) ONLY THE TAXIWAY PERPENDICULAR TO THE RUNWAY HAD PAVEMENT MARKINGS

(2) THE ONLY TAXIWAY LIGHTING WAS ENTRANCE BLUE LIGHTS AT ALL THREE EXITS

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